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**1 Stratified gas-liquid two-phase electrohydrodynamics in horizontal p flow**

*Chang, J.-S.;*

Industry Applications, IEEE Transactions on , Volume: 25 , Issue: 2 , March-Apr 1989

Pages:241 - 247

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) **IEEE JNL**

**2 Modelling of EHD gas-liquid two-phase pipe flow**

*Jen-Shih Chang;*

Conduction and Breakdown in Dielectric Liquids, 1996, ICDL '96., 12th International Conference on , 15-19 July 1996

Pages:468 - 471

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) **IEEE CNF**

**3 Measurement of multiple velocities in multiphase flow**

*Albusaidi, K.H.; Lucas, G.;*

Advances in Sensors for Fluid Flow Measurement, IEE Colloquium on , 18 Apr

Pages:12/1 - 12/4

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) **IEE CNF**

**4 A 2-kW COIL with a square pipe-array JSOG and nitrogen buffer gas**

*Benjie Fang; Fang Chen; Yuelong Zhang; Fengting Sang; Yuqi Jin; Zengqiang Wang; Qingwei Li;*

Quantum Electronics, IEEE Journal of , Volume: 39 , Issue: 12 , Dec. 2003

Pages:1619 - 1624

[\[Abstract\]](#) [\[PDF Full-Text \(519 KB\)\]](#) **IEEE JNL**

**5 Charge c nvected in highly turbulent fl ws. Experiments n tanker**

**unl ading**

*Touchard, G.; Watanabe, S.; Marcano, L.;*  
Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical  
Insulation, IEEE Transactions on] , Volume: 1 , Issue: 1 , Feb. 1994  
Pages:53 - 57

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE JNL](#)

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**6 Real-time ultrasound process tomography in pipelines**

*Hoyle, B.S.;*  
Ultrasound in the Process Industry, IEE Colloquium on , 23 Sep 1993  
Pages:4/1 - 4/4

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) [IEE CNF](#)

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**7 Ultrasound tomography system used for monitoring bubbly gas/liquid  
two-phase flow**

*Li-Jun Xu; Ling-An Xu;*  
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu  
44 , Issue: 1 , Jan. 1997  
Pages:67 - 76

[\[Abstract\]](#) [\[PDF Full-Text \(1020 KB\)\]](#) [IEEE JNL](#)

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**8 High resolution processing techniques for ultrasound Doppler  
velocimetry in the presence of colored noise. II. Multiplephase pipe-fl  
velocity measurement**

*Kouame, D.; Girault, J.-M.; Remenieras, J.-P.; Chemla, J.-P.; Lethiecq, M.;*  
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volu  
50 , Issue: 3 , March 2003  
Pages:267 - 278

[\[Abstract\]](#) [\[PDF Full-Text \(800 KB\)\]](#) [IEEE JNL](#)

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**9 Study of refrigerated mechanism of evaporative of air-water annular  
two-phase flow in a small vertical tube**

*Wang Jing; YI Jie;*  
Thermal and Thermomechanical Phenomena in Electronic Systems, 2004. ITHE  
'04. The Ninth Intersociety Conference on , 1-4 June 2004  
Pages:251 - 258 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) [IEEE CNF](#)

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**10 Optimization of a conductance probe with vertical multi-electrode a  
for the measurement of oil-water two-phase flow**

*Ning-De Jin; Jun Wang; Li-Jun Xu;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume  
2 , 2-5 Nov. 2003  
Pages:899 - 905 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(486 KB\)\]](#) [IEEE CNF](#)

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**11 Detect r system f r m nitoring fissile mass fl w in liquids and gas**

*Paulus, M.J.; Uckan, T.; Lenarduzzi, R.; March-Leuba, J.; Castleberry, K.;  
Mattingly, J.K.; Mihalczo, J.T.; Mullens, J.A.; Valentine, T.E.; McEvers, J.A.;*  
Nuclear Science Symposium, 1997. IEEE , 9-15 Nov. 1997

Pages:197 - 200 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) [IEEE CNF](#)

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**12 Gas dissolved in the depth of natural reservoirs as a renewable energy source: theory of self-supported gaslift**

*Blekhman, I.I.; Kremer, E.B.; Yakimova, K.S.;*

Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociety, Volume: 3, 27 July-1 Aug. 1997

Pages:1846 - 1848 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) [IEEE CNF](#)

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**13 Intensification of heat transfer at laminar stabilized flow of vapour-droplets in a tube**

*Terekhov, V.I.; Chichindaev, A.V.; Pakhomov, M.A.;*

Science and Technology, 1999. KORUS '99. Proceedings. The Third Russian-Korean International Symposium on, Volume: 1, 22-25 June 1999

Pages:70 - 73 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) [IEEE CNF](#)

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**14 Innovative technologies for Faraday shield cooling**

*Rosenfeld, J.H.; Lindemuth, J.E.; North, M.T.; Goulding, R.H.;*

Fusion Engineering, 1995. SOFE '95. 'Seeking a New Energy Era', 16th IEEE/NPC Symposium, Volume: 2, 30 Sept.-5 Oct. 1995

Pages:972 - 975 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE CNF](#)

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**15 Electrical potentials appearing during the unloading of a LNG boat**

*Touchard, G.; Humeau, P.; Gaillard, L.; Marcano, L.; Watanabe, S.;*

Conduction and Breakdown in Dielectric Liquids, 1990. ICDL 1990. Conference Record., 10th International Conference on, 10-14 Sept. 1990

Pages:223 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(132 KB\)\]](#) [IEEE CNF](#)

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1. Document ID: US 20020178805 A1

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L5: Entry 1 of 10

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020178805

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020178805 A1

TITLE: Method and apparatus for downhole fluid characterization using flexural mechanical resonators

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DiFoggio, Rocco	Houston	TX	US	
Walkow, Arnold	Houston	TX	US	
Bergren, Paul	Houston	TX	US	

US-CL-CURRENT: 73/152.55; 73/152.58

**Full** **Title** **Citation** **Front** **Review** **Classification** **Date** **Reference** **Sequences** **Attachments** **Claims** **KOOC** **Drawn D**

2. Document ID: US 20020082815 A1

L5: Entry 2 of 10

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020082815

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020082815 A1

TITLE: Method for forming an optimized neural network module intended to simulate the flow mode of a multiphase fluid stream

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rey-Fabret, Isabelle	Versailles		FR	
Duret, Emmanuel	Rueil Malmaison		FR	
Heintze, Eric	Meudon		FR	
Henriot, Veronique	Rueil Malmaison		FR	

US-CL-CURRENT: 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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3. Document ID: US 20020038156 A1

L5: Entry 3 of 10

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020038156  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020038156 A1

TITLE: Root cause diagnostics

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eryurek, Evren	Minneapolis	MN	US	
Kavaklıoglu, Kadir	Edina	MN	US	

US-CL-CURRENT: 700/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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4. Document ID: US 20020029883 A1

L5: Entry 4 of 10

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020029883  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020029883 A1

TITLE: System and method for fluid flow optimization

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Vinegar, Harold J.	Houston	TX	US	
Burnett, Robert Rex	Katy	TX	US	
Savage, William Mountjoy	Houston	TX	US	
Carl, Frederick Gordon JR.	Houston	TX	US	

US-CL-CURRENT: 166/250.15; 166/250.03, 166/372, 166/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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5. Document ID: US 6758277 B2

L5: Entry 5 of 10

File: USPT

Jul 6, 2004

US-PAT-NO: 6758277

DOCUMENT-IDENTIFIER: US 6758277 B2

TITLE: System and method for fluid flow optimization

DATE-ISSUED: July 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinegar; Harold J.	Houston	TX		
Burnett; Robert Rex	Katy	TX		
Savage; William Mountjoy	Houston	TX		
Carl, Jr.; Frederick Gordon	Houston	TX		

US-CL-CURRENT: 166/372; 166/250.03, 166/250.15
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)
 6. Document ID: US 6654697 B1

L5: Entry 6 of 10

File: USPT

Nov 25, 2003

US-PAT-NO: 6654697

DOCUMENT-IDENTIFIER: US 6654697 B1

TITLE: Flow measurement with diagnostics

DATE-ISSUED: November 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eryurek; Evren	Minneapolis	MN		
Kavaklıoglu; Kadir	Edina	MN		

US-CL-CURRENT: 702/47; 702/100, 73/1.35, 73/1.57
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)
 7. Document ID: US 5792962 A

L5: Entry 7 of 10

File: USPT

Aug 11, 1998

US-PAT-NO: 5792962

DOCUMENT-IDENTIFIER: US 5792962 A

TITLE: Device and method for measuring velocity profiles in a multiphase fluid

DATE-ISSUED: August 11, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Constant; Michel	Saint Denis			FR
Reminieras; Jean-Pierre	Tours			FR

US-CL-CURRENT: 73/861.04; 73/861

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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 8. Document ID: US 5741980 A

L5: Entry 8 of 10

File: USPT

Apr 21, 1998

US-PAT-NO: 5741980

DOCUMENT-IDENTIFIER: US 5741980 A

TITLE: Flow analysis system and method

DATE-ISSUED: April 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		
Barck; Bruce N.	Franklin	MA		

US-CL-CURRENT: 73/861.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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 9. Document ID: US 5714691 A

L5: Entry 9 of 10

File: USPT

Feb 3, 1998

US-PAT-NO: 5714691

DOCUMENT-IDENTIFIER: US 5714691 A

TITLE: Method and system for analyzing a two phase flow

DATE-ISSUED: February 3, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		

US-CL-CURRENT: 73/861.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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 10. Document ID: US 5600073 A

L5: Entry 10 of 10

File: USPT

Feb 4, 1997

US-PAT-NO: 5600073

DOCUMENT-IDENTIFIER: US 5600073 A

TITLE: Method and system for analyzing a two phase flow

DATE-ISSUED: February 4, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hill; Wayne S.	Westborough	MA		

US-CL-CURRENT: 73/861.04; 73/30.03[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

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